

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A storage system connected to a computer comprising:

a first control unit, a second control unit, a third control unit and plural storage units, wherein

said first control unit, said second control unit and said third control unit each has a memory, and

said first control unit stores data received from said computer in the memory possessed by the first control unit and the memory possessed by said second control unit

wherein said first control unit stores the data received from said computer in the memory possessed by the first control unit and the memory possessed by said third control unit in a case where said second control unit becomes unusable.

2. (canceled)

3. (currently amended) A storage system according to ~~Claim 2~~claim 1, wherein said second control unit stores the data received from said computer in the

memory possessed by said second control unit and the memory possessed by said first control unit.

4. (original) A storage system according to Claim 3, wherein said first control unit receives the data from said computer instead of said second control unit when said second control unit becomes unusable and said first control unit stores said received data in the memory possessed by said first control unit and the memory possessed by said third control unit.

5. (currently amended) A storage system according to ~~Claim 2~~claim 1, further comprising a fourth control unit, said fourth control unit having a memory, wherein said first control unit receives the data from said computer instead of said second control unit when said second control unit becomes unusable and said first control unit stores said received data in the memory possessed by said first control unit and the memory possessed by said fourth control unit.

6. (currently amended) A storage system according to Claim 5, wherein said first control unit and said second control unit receive a power source supply from a ~~different power source~~different power sources.

7. (currently amended) A storage system according to Claim 6, wherein said third control unit and said fourth control unit receive a power source supply from a

~~different power source~~ different power sources as well as ~~said first control unit and~~
~~said third control unit receive a power source supply from a different power source.~~

8. (original) A storage system according to Claim 5, further comprising a switch connecting each of said first control unit, said second control unit, said third control unit and said fourth control unit, wherein each of said control units is connected to said computer via said switch.

9. (original) A storage system according to Claim 8, further comprising an interface unit, wherein
said switch is connected to said computer via said interface, and
said interface unit, said switch, said first control unit, said second control unit, said third control unit and said fourth control unit compose a single controller.

10. (original) A storage system according to Claim 9, further comprising a management device, wherein said management device is connected to said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit.

11. (currently amended) A storage system according to Claim 10, wherein said management device has information showing a relationship between said

~~storage unit~~plural storage units and said first control unit, said second control unit, said third control unit and said fourth control unit in the storage system, and

said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit execute storage of said data based upon said information.

12. (original) A storage system according to Claim 11, wherein, in a case where a failure occurs in any one of said first control unit, said second control unit, said third control unit and said fourth control unit, said information includes information designating the control unit having a memory that stores a copy of the data received by the control unit that is a substitute for the control unit in which said failure occurs and by the control unit in which said failure occurs.

13. (original) A storage system according to Claim 12, wherein, in a case where a failure occurs in any one of said first control unit, said second control unit, said third control unit and said fourth control unit, said management device detects said failure and changes said information depending upon a state of said failure and informs said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit of the occurrence of said failure and the change of said information, and said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit operate based upon said changed information.

14. (original) A storage system according to Claim 13, wherein, in a case of a recovery from said failure, said management device informs said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit of the recovery from said failure.

15. (currently amended) A storage system according to Claim 9, wherein each of said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit has information showing a relationship between said ~~storage unit~~plural storage units and said first control unit, said second control unit, said third control unit and said fourth control unit in the storage system, and

said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit execute the storage of said data based upon said information.

16. (original) A storage system according to Claim 15, wherein, in a case where a failure occurs in any one of said first control unit, said second control unit, said third control unit and said fourth control unit, said interface unit detects said failure and changes said information depending upon the state of said failure and informs said first control unit, said second control unit, said third control unit and said fourth control unit of the occurrence of said failure and the change of said

information, and said first control unit, said second control unit, said third control unit and said fourth control unit operate based upon said changed information.

17. (original) A storage system according to Claim 4, wherein, when a failure occurs in said second control unit, said first control unit transfers the data stored in said first control unit to the memory of said third control unit ~~at the time point~~.

18. (currently amended) A storage system according to Claim 4, wherein, when a failure occurs in said second control unit, said first control unit stores the data stored in said first control unit in said storage unit ~~at the time point~~.

19. (currently amended) A storage system according to Claim 4, wherein, when a failure occurs in said second control unit, said third control unit and said fourth control unit store a part of the data stored in the memory possessed by said third control unit and the memory possessed by said fourth control unit ~~each memory~~ in said ~~storage unit~~ plural storage units so as to receive the data from said first control unit.

20. (original) A storage system according to Claim 9, wherein, when a failure occurs in said first control unit and said second control unit, said interface unit reports an error to an access from said computer to said storage unit that is managed by said first control unit.

21. (original) A storage system according to Claim 9, further comprising a management device, wherein
said management device is connected to said interface unit, said first control unit, said second control unit, said third control unit and said fourth control unit without through said switch.